

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Well Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 169-5	Well Location:

Monitoring Well Data	
Well Material	(PVC/SS/Teflon)
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	23.6 ft
Depth to product	ft
Depth to water (DTW)	19.15 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	←OR→	Micropurge sampling
Height of water column (H = TD - DTW) _____ ft		Depth of pump placement (place mid-screen) _____ 20.6 ft
Conversion value (CV)* _____ x		Bubbles purged from flow cell? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
1 Well volume = H x CV _____ gal		Is drawdown > 0.3 feet <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
3 Well volumes = _____ gal		Was passive sampling used? <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N
Purge method		Flowrate = _____ mL/min
(B = bailer, P = pump) _____ B / P		ID number from controller console # _____

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
formed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	14.40	14.43	14.39	14.36			
Spec. Cond (µmhos)	+/- 3%	928	940	944	948			
D.O. (mg/L)	+/- 10%**	4.71	4.86	4.41	4.50			
pH	+/- 0.1	6.92	6.92	6.93	6.91			
ORP (mV)	+/- 10 mV**	198	196	194	193			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/28/08 Sample Time: 14:30 (military time)

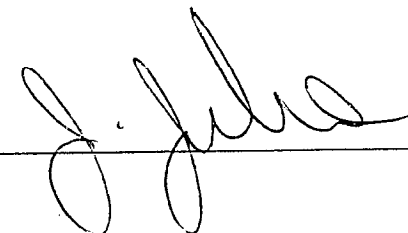
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/28/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 169-1	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	35.2 ft
Depth to product	ft
Depth to water (DTW)	19.1 ft

Sample Types (circle all applicable)
<input checked="" type="checkbox"/> Monitoring Well
<input checked="" type="checkbox"/> Grab/Composite
<input type="checkbox"/> Split Sample
Duplicate (Duplicate ID: _____)
MS/MSD
Other _____

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	32.2 ft
Bubbles purged from flow cell?	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Is drawdown > 0.3 feet	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Was passive sampling used?	Y / <input checked="" type="checkbox"/> N
Flowrate =	mL/min
ID number from controller console	# 165

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
<b>Performed</b>								
Temperature (°C)	+/- 3%	15.07	15.04	14.98	14.95			
Spec. Cond (µmhos)	+/- 3%	1619	1659	1683	1696			
D.O. (mg/L)	+/- 10%**	3.97	5.14	4.52	4.27			
pH	+/- 0.1	6.85	6.84	6.85	6.84			
ORP (mV)	+/- 10 mV**	60	56	52	48			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/28/08 Sample Time: 14:10 (military time)

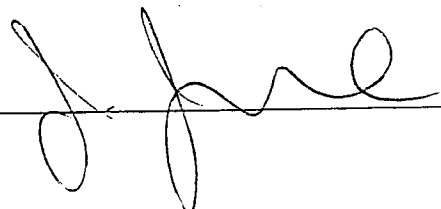
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/28/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Property Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 167-5	Well Location:

Monitoring Well Data	
Well Material	(PVC/SS/Teflon)
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	22 ft
Depth to product	ft
Depth to water (DTW)	17.82 ft

Sample Types (circle all applicable)
<input checked="" type="checkbox"/> Monitoring Well
<input checked="" type="checkbox"/> Grab/Composite
<input type="checkbox"/> Split Sample
Duplicate (Duplicate ID: _____)
MS/MSD
Other _____

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

←OR→

Micropurge sampling	
Depth of pump placement (place mid-screen)	19 ft
Bubbles purged from flow cell?	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Is drawdown >0.3 feet	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Was passive sampling used?	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
formed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	16.21	16.18	16.25	16.18			
Spec. Cond (µmhos)	+/- 3%	2.19	2.20	2.25	2.26			
D.O. (mg/L)	+/- 10%**	8.17	8.42	8.35	8.44			
pH	+/- 0.1	6.97	6.97	6.94	6.97			
ORP (mV)	+/- 10 mV**	267	268	267	267			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/28/08 Sample Time: 15:20 (military time)


Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/28/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 167-0	Well Location:

Monitoring Well Data	
Well Material	(PVC/SS/Teflon)
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	33 ft
Depth to product	ft
Depth to water (DTW)	17.96 ft

Sample Types (circle all applicable)	
Monitoring Well	
Grab/Composite	
Split Sample	
Duplicate (Duplicate ID: 10.0 167-0)	
MS/MSD	
Other	

Conventional sampling	⇐OR⇒	Micropurge sampling
Height of water column (H = TD - DTW) ft		Depth of pump placement (place mid-screen) 14.96 30 ft
Conversion value (CV)* x		Bubbles purged from flow cell? Y/N
1 Well volume = H x CV = gal		Is drawdown > 0.3 feet Y/N
3 Well volumes = = gal		Was passive sampling used? Y/N
Purge method (B = bailer, P = pump) B / P		Flowrate = mL/min
		ID number from controller console #

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Performed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	16.25	16.33	16.35	16.32			
Spec. Cond (µmhos)	+/- 3%	1799	1810	1801	1814			
D.O. (mg/L)	+/- 10%**	2.39	2.24	1.92	1.50			
pH	+/- 0.1	7.02	7.02	7.02	7.02			
ORP (mV)	+/- 10 mV**	156	154	152	151			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/28/08 Sample Time: 15:00 (military time)

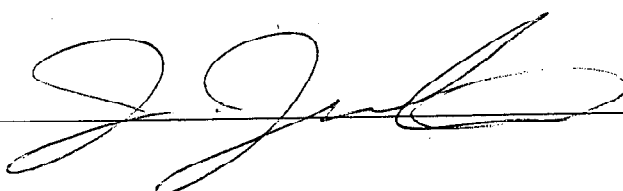
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/28/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 165-5	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	19.65 ft
Depth to product	ft
Depth to water (DTW)	13.93 ft

Sample Types (circle all applicable)	
Monitoring Well	<input checked="" type="checkbox"/>
Grab/Composite	<input type="checkbox"/>
Split Sample	<input type="checkbox"/>
Duplicate (Duplicate ID: _____)	<input type="checkbox"/>
MS/MSD	<input type="checkbox"/>
Other _____	<input type="checkbox"/>

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	ft
Bubbles purged from flow cell?	<input checked="" type="checkbox"/> / N
Is drawdown > 0.3 feet	<input checked="" type="checkbox"/> / N
Was passive sampling used?	Y <input checked="" type="checkbox"/>
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	10.92	10.91	10.46	10.51			
Spec. Cond (µmhos)	+/- 3%	1981	1979	1982	1988			
D.O. (mg/L)	+/- 10%**	2.60	2.28	2.10	1.99			
pH	+/- 0.1	7.18	7.18	7.17	7.18			
ORP (mV)	+/- 10 mV**	97	95	94	93			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/28/08 Sample Time: 15:50 (military time)


Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/28/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 165-17	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	46.6 ft
Depth to product	ft
Depth to water (DTW)	13.75 ft

Sample Types (circle all applicable)	
Monitoring Well	
Grab/Composite	
Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	43.6 ft
Bubbles purged from flow cell?	Y/N
Is drawdown > 0.3 feet	Y/N
Was passive sampling used?	Y/N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Performed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	12.56	12.59	12.50	12.59			
Spec. Cond (µmhos)	+/- 3%	947	960	962	971			
D.O. (mg/L)	+/- 10%**	4.68	4.81	4.17	3.90			
pH	+/- 0.1	7.12	7.08	7.07	7.06			
ORP (mV)	+/- 10 mV**	100	96	93	92			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/28/08 Sample Time: 16:20 (military time)

Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature: \_\_\_\_\_ Date: 5/28/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 1665	Well Location:

Monitoring Well Data	
Well Material	(PVC/SS/Teflon)
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	19 ft
Depth to product	ft
Depth to water (DTW)	14.5 ft

Sample Types (circle all applicable)	
Monitoring Well	
Grab/Composite	
Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	⇐OR⇒	Micropurge sampling
Height of water column (H = TD - DTW) _____ ft		Depth of pump placement (place mid-screen) _____ 16 ft
Conversion value (CV)* _____ x		Bubbles purged from flow cell? _____ Y / N
1 Well volume = H x CV _____ gal		Is drawdown > 0.3 feet _____ Y / N
3 Well volumes = _____ gal		Was passive sampling used? _____ Y / N
Purge method		Flowrate = _____ mL/min
(B = bailer, P = pump) _____ B / P		ID number from controller console # _____

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Formed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	17.73	17.68	17.52				
Spec. Cond (µmhos)	+/- 3%	1807	1806	1809				
D.O. (mg/L)	+/- 10%**	1.71	1.63	1.55				
pH	+/- 0.1	6.97	6.97	6.97				
ORP (mV)	+/- 10 mV**	254	255	254				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/25/08 Sample Time: 16:46 (military time)

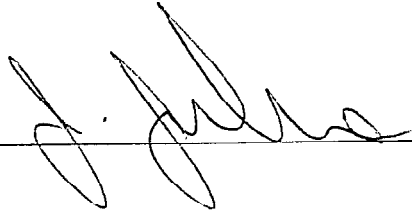
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/25/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829c-001/003
Sample I.D.: 1660	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	50 ft
Depth to product	ft
Depth to water (DTW)	14.3 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
<input type="checkbox"/> MS/MSD	
Other _____	

Conventional sampling	⇐OR⇒	Micropurge sampling
Height of water column (H = TD - DTW) _____ ft		Depth of pump placement (place mid-screen) 47 ft
Conversion value (CV)* x _____ gal		Bubbles purged from flow cell? <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
1 Well volume = H x CV = _____ gal		Is drawdown > 0.3 feet <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
3 Well volumes = _____ gal		Was passive sampling used? <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N
Purge method (B = bailer, P = pump) B / P		Flowrate = _____ mL/min
		ID number from controller console # _____

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Performed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	20.12	19.98	19.72	19.60			
Spec. Cond (µmhos)	+/- 3%	1635	1636	1636	1636			
D.O. (mg/L)	+/- 10%**	3.95	3.60	3.44	3.50			
pH	+/- 0.1	7.26	7.26	7.25	7.25			
ORP (mV)	+/- 10 mV**	90	87	87	87			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/25/02 Sample Time: 17:10 (military time)


Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/25/02



**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 117 AR	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.25) 6
Stick up or stick down height	ft
Total depth of well (TD)	29 ft
Depth to product	ft
Depth to water (DTW)	11.0 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	26 ft
Bubbles purged from flow cell?	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Is drawdown > 0.3 feet	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Was passive sampling used?	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
<b>Formed</b>								
Temperature (°C)	+/- 3%	15.22	15.13	15.10				
Spec. Cond (µmhos)	+/- 3%	2.87	2.87	2.87				
D.O. (mg/L)	+/- 10%**	4.15	5.09	4.73				
pH	+/- 0.1	6.75	6.74	6.74				
ORP (mV)	+/- 10 mV**	131	130	129				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 10:00 (military time)

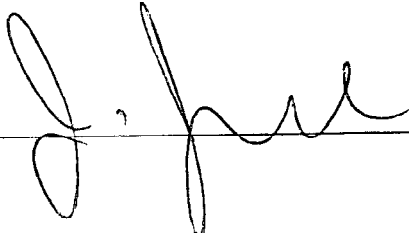
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 132 R	Well Location:

Monitoring Well Data	
Well Material	(PVC/SS/Teflon)
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	19 ft
Depth to product	ft
Depth to water (DTW)	11.1 ft

Sample Types (circle all applicable)	
Monitoring Well	<input checked="" type="checkbox"/>
Grab/Composite	<input type="checkbox"/>
Split Sample	<input type="checkbox"/>
Duplicate (Duplicate ID: _____)	<input type="checkbox"/>
MS/MSD	<input type="checkbox"/>
Other _____	<input type="checkbox"/>

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	16 ft
Bubbles purged from flow cell?	<input checked="" type="checkbox"/> / N
Is drawdown > 0.3 feet	<input checked="" type="checkbox"/> / N
Was passive sampling used?	Y <input checked="" type="checkbox"/>
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Performed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	15.02	14.98	14.99	14.89			
Spec. Cond (µmhos)	+/- 3%	1.413	1.410	1.394	1.382			
D.O. (mg/L)	+/- 10%**	7.69	7.23	6.74	6.70			
pH	+/- 0.1	6.96	6.93	6.90	6.89			
ORP (mV)	+/- 10 mV**	248	249	250	250			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 10:20 (military time)

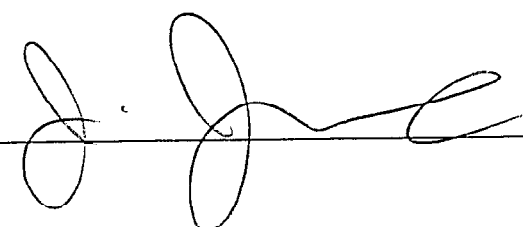
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 1482	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.25) 6
Stick up or stick down height	ft
Total depth of well (TD)	25 ft
Depth to product	ft
Depth to water (DTW)	11.0 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	22 ft
Bubbles purged from flow cell?	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Is drawdown > 0.3 feet	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N
Was passive sampling used?	<input type="checkbox"/> Y / <input checked="" type="checkbox"/> N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Formed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	13.75	13.51	13.41	13.37	13.20		
Spec. Cond (µmhos)	+/- 3%	1.55	1.56	1.55	1.56	1.56		
D.O. (mg/L)	+/- 10%**	3.89	4.33	4.78	4.90	5.58		
pH	+/- 0.1	6.87	6.88	6.88	6.90	6.91		
ORP (mV)	+/- 10 mV**	291	290	290	290	290		
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 10:40 (military time)

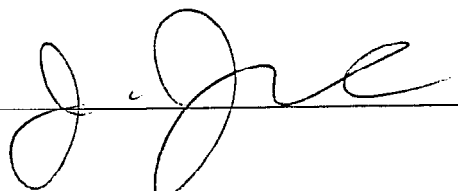
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>155</u>	Well Location:

Monitoring Well Data	
Well Material	<u>(PVC/SS/Teflon)</u>
Inside Diameter, in.	<u>(1.246)</u>
Stick up or stick down height	_____ ft
Total depth of well (TD)	<u>21</u> ft
Depth to product	_____ ft
Depth to water (DTW)	<u>13.0</u> ft

Sample Types (circle all applicable)	
<u>Monitoring Well</u>	
<u>Grab/Composite</u>	
Split Sample	
<u>Duplicate</u> (Duplicate ID: _____)	
<u>MS/MSD</u>	
Other _____	

<u>Conventional sampling</u>	⇐OR⇒	Micropurge sampling
Height of water column (H = TD - DTW) _____ ft		Depth of pump placement (place mid-screen) <u>18</u> ft
Conversion value (CV)* <u>x</u>		Bubbles purged from flow cell? <u>Y/N</u>
1 Well volume = H x CV = _____ gal		Is drawdown > 0.3 feet <u>Y/N</u>
3 Well volumes = _____ gal		Was passive sampling used? <u>Y/N</u>
Purge method (B = bailer, P = pump) <u>B / P</u>		Flowrate = _____ mL/min
		ID number from controller console # _____

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
<u>Performed</u>	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	<u>13.27</u>	<u>13.14</u>	<u>13.21</u>	<u>13.21</u>			
Spec. Cond (µmhos)	+/- 3%	<u>1663</u>	<u>1676</u>	<u>1741</u>	<u>1692</u>			
D.O. (mg/L)	+/- 10%**	<u>11.31</u>	<u>11.46</u>	<u>11.29</u>	<u>11.30</u>			
pH	+/- 0.1	<u>7.37</u>	<u>7.36</u>	<u>7.37</u>	<u>7.35</u>			
ORP (mV)	+/- 10 mV**	<u>302</u>	<u>300</u>	<u>299</u>	<u>300</u>			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 11:10 (military time)

Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition: Clear

Signature: [Signature] Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 302	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	55 ft
Depth to product	ft
Depth to water (DTW)	3 12.35 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	52 ft
Bubbles purged from flow cell?	Y / N
Is drawdown > 0.3 feet	Y / N
Was passive sampling used?	Y / <input checked="" type="checkbox"/> N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
		(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
<b>Formed</b>	Range							
Temperature (°C)	+/- 3%	14.30	14.30	14.35	14.34			
Spec. Cond (µmhos)	+/- 3%	1543	1543	1543	1544			
D.O. (mg/L)	+/- 10%**	4.12	3.82	3.60	3.52			
pH	+/- 0.1	7.52	7.51	7.51	7.51			
ORP (mV)	+/- 10 mV**	50	50	50	49			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 11:35 (military time)

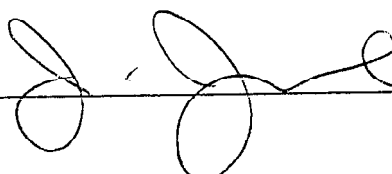
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>133 R</u>	Well Location:

Monitoring Well Data	
Well Material	( <u>PVC</u> /SS/Teflon)
Inside Diameter, in.	( <u>1.24</u> 6)
Stick up or stick down height	_____ ft
Total depth of well (TD)	<u>16</u> ft
Depth to product	_____ ft
Depth to water (DTW)	<u>9.0</u> ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	⇐OR⇒	Micropurge sampling
Height of water column (H = TD - DTW) _____ ft		Depth of pump placement (place mid-screen) <u>13</u> ft
Conversion value (CV)* <u>x</u>		Bubbles purged from flow cell? <u>Y/N</u>
1 Well volume = H x CV = _____ gal		Is drawdown > 0.3 feet <u>Y/N</u>
3 Well volumes = _____ gal		Was passive sampling used? <u>Y/N</u>
Purge method (B = bailer, P = pump) <u>B / P</u>		Flowrate = _____ mL/min
		ID number from controller console # _____

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
<u>Performed</u>	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	<u>14.09</u>	<u>13.95</u>	<u>13.75</u>	_____	_____	_____	_____
Spec. Cond (µmhos)	+/- 3%	<u>1.041</u>	<u>1.039</u>	<u>1.034</u>	_____	_____	_____	_____
D.O. (mg/L)	+/- 10%**	<u>2.93</u>	<u>2.51</u>	<u>2.70</u>	_____	_____	_____	_____
pH	+/- 0.1	<u>6.93</u>	<u>6.92</u>	<u>6.92</u>	_____	_____	_____	_____
ORP (mV)	+/- 10 mV**	<u>316</u>	<u>316</u>	<u>316</u>	_____	_____	_____	_____
Turbidity (NTU)	+/- 10%**	_____	_____	_____	_____	_____	_____	_____
H <sub>2</sub> S (mg/L)		_____	_____	_____	_____	_____	_____	_____
Fe <sup>2+</sup> (mg/L)		_____	_____	_____	_____	_____	_____	_____

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5 / 29 / 08 Sample Time: 13 : 10 (military time)

Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature: [Signature] Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 152	Well Location:

Monitoring Well Data	
Well Material	(PVC/SS/Teflon)
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	15.6 ft
Depth to product	ft
Depth to water (DTW)	13.23 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	15.6 ft
Bubbles purged from flow cell?	Y/N
Is drawdown > 0.3 feet	Y/N
Was passive sampling used?	Y/ <input checked="" type="checkbox"/> N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Performed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	16.82	16.80	16.60	16.55			
Spec. Cond (µmhos)	+/- 3%	1230	1554	1552	1562			
D.O. (mg/L)	+/- 10%**	9.92	9.97	10.05	10.03			
pH	+/- 0.1	7.56	7.56	7.57	7.54			
ORP (mV)	+/- 10 mV**	308	302	308	309			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 13:35 (military time)

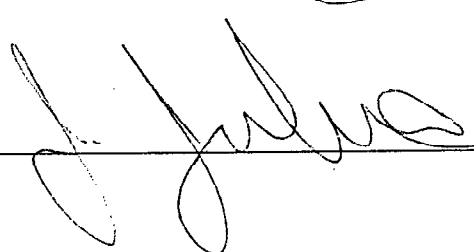
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>146</u>	Well Location:

**Monitoring Well Data**

Well Material	( <u>PVC</u> /SS/Teflon)
Inside Diameter, in.	<u>(1.246)</u>
Stick up or stick down height	ft
Total depth of well (TD)	<u>23.24</u> ft
Depth to product	ft
Depth to water (DTW)	<u>9.32</u> ft

**Sample Types (circle all applicable)**

<input checked="" type="checkbox"/> Monitoring Well
<input checked="" type="checkbox"/> Grab/Composite
<input type="checkbox"/> Split Sample
Duplicate (Duplicate ID: _____)
MS/MSD
Other _____

**Conventional sampling**

Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

**Micropurge sampling**

Depth of pump placement (place mid-screen)	ft
Bubbles purged from flow cell?	<u>(Y/N)</u>
Is drawdown > 0.3 feet	<u>(Y/N)</u>
Was passive sampling used?	<u>(Y/N)</u>
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
<u>Performed</u>	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	<u>16.35</u>	<u>16.28</u>	<u>16.17</u>				
Spec. Cond (µmhos)	+/- 3%	<u>1905</u>	<u>1903</u>	<u>1904</u>				
D.O. (mg/L)	+/- 10%**	<u>2.23</u>	<u>2.09</u>	<u>1.90</u>				
pH	+/- 0.1	<u>6.86</u>	<u>6.85</u>	<u>6.85</u>				
ORP (mV)	+/- 10 mV**	<u>161</u>	<u>161</u>	<u>162</u>				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

**Observations:**

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 14:00 (military time)

Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: 5/29/08



**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 15D	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.25) 6
Stick up or stick down height	ft
Total depth of well (TD)	18.48 ft
Depth to product	ft
Depth to water (DTW)	12.33 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	15.48 ft
Bubbles purged from flow cell?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Is drawdown > 0.3 feet	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Was passive sampling used?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
<b>Formed</b>								
Temperature (°C)	+/- 3%	15.67	15.30	14.88				
Spec. Cond (µmhos)	+/- 3%	1753	1734	1740				
D.O. (mg/L)	+/- 10%**	1.45	1.30	1.10				
pH	+/- 0.1	7.00	6.99	6.98				
ORP (mV)	+/- 10 mV**	287	287	286				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 14:25 (military time)

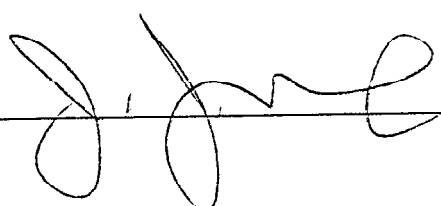
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>IW-2</u>	Well Location:

Monitoring Well Data	
Well Material	( <u>PVC</u> )SS/Teflon
Inside Diameter, in.	( <u>1.24</u> ) 6
Stick up or stick down height	ft
Total depth of well (TD)	<u>16.87</u> ft
Depth to product	ft
Depth to water (DTW)	<u>12.06</u> ft

Sample Types (circle all applicable)	
Monitoring Well	<input checked="" type="checkbox"/>
Grab/Composite	<input checked="" type="checkbox"/>
Split Sample	<input type="checkbox"/>
Duplicate (Duplicate ID: _____)	<input type="checkbox"/>
MS/MSD	<input type="checkbox"/>
Other _____	<input type="checkbox"/>

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

←OR→

Micropurge sampling	
Depth of pump placement (place mid-screen)	<u>13.87</u> ft
Bubbles purged from flow cell?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Is drawdown > 0.3 feet	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Was passive sampling used?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
<b>Performed</b>								
Temperature (°C)	+/- 3%	<u>15.47</u>	<u>15.30</u>	<u>15.27</u>				
Spec. Cond (µmhos)	+/- 3%	<u>1713</u>	<u>1714</u>	<u>1723</u>				
D.O. (mg/L)	+/- 10%**	<u>2.46</u>	<u>2.36</u>	<u>2.22</u>				
pH	+/- 0.1	<u>7.02</u>	<u>7.01</u>	<u>7.00</u>				
ORP (mV)	+/- 10 mV**	<u>260</u>	<u>256</u>	<u>251</u>				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 14:40 (military time)

Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature: [Signature] Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>IW-1</u>	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.25) 6
Stick up or stick down height	ft
Total depth of well (TD)	14.82 ft
Depth to product	ft
Depth to water (DTW)	11.12 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	11.82 ft
Bubbles purged from flow cell?	<input checked="" type="checkbox"/> Y / <input checked="" type="checkbox"/> N
Is drawdown > 0.3 feet	<input checked="" type="checkbox"/> Y / <input checked="" type="checkbox"/> N
Was passive sampling used?	<input checked="" type="checkbox"/> Y / <input checked="" type="checkbox"/> N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	14.51	14.31	14.33				
Spec. Cond (µmhos)	+/- 3%	1839	1837	1843				
D.O. (mg/L)	+/- 10%**	5.34	5.70	5.69				
pH	+/- 0.1	6.59	6.60	6.59				
ORP (mV)	+/- 10 mV**	69	68	68				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 15:00 (military time)

Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature: \_\_\_\_\_

Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 163	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.25) 6
Stick up or stick down height	ft
Total depth of well (TD)	19.50 ft
Depth to product	ft
Depth to water (DTW)	10.95 ft

Sample Types (circle all applicable)	
Monitoring Well	
Grab/Composite	
Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method	
(B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	16.50 ft
Bubbles purged from flow cell?	Y/N
Is drawdown > 0.3 feet	Y/N
Was passive sampling used?	Y/N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
<b>Performed</b>								
Temperature (°C)	+/- 3%	14.97	14.93	14.75				
Spec. Cond (µmhos)	+/- 3%	1667	1665	1669				
D.O. (mg/L)	+/- 10%**	6.7	6.4	6.3				
pH	+/- 0.1	6.79	6.50	6.80				
ORP (mV)	+/- 10 mV**	40	39	40				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/29/08 Sample Time: 15:30 (military time)

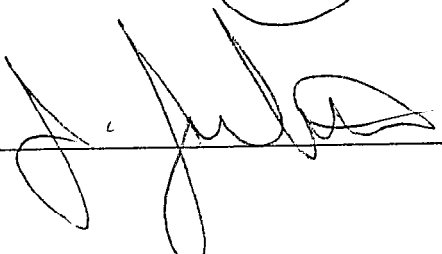
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/29/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>173</u>	Well Location:

Monitoring Well Data	
Well Material	<u>(PVC)</u> SS/Teflon
Inside Diameter, in.	<u>(1.246)</u>
Stick up or stick down height	ft
Total depth of well (TD)	<u>17.7</u> ft
Depth to product	ft
Depth to water (DTW)	<u>12.36</u> ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	<u>14.7</u> ft
Bubbles purged from flow cell?	<u>Y</u> / N
Is drawdown > 0.3 feet	<u>Y</u> / N
Was passive sampling used?	Y / <u>N</u>
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
<u>formed</u>	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	<u>14.24</u>	<u>14.26</u>	<u>14.22</u>				
Spec. Cond (µmhos)	+/- 3%	<u>1774</u>	<u>1762</u>	<u>1764</u>				
D.O. (mg/L)	+/- 10%**	<u>6.24</u>	<u>6.66</u>	<u>6.20</u>	<u>5.89</u>	<u>6.35</u>		
pH	+/- 0.1	<u>7.11</u>	<u>7.11</u>	<u>7.10</u>				
ORP (mV)	+/- 10 mV**	<u>81</u>	<u>82</u>	<u>82</u>				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/30/08 Sample Time: 9:50 (military time)

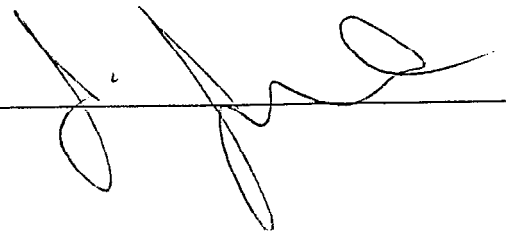
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition: \_\_\_\_\_

Signature:  Date: 5/30/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>156</u>	Well Location:

Monitoring Well Data	
Well Material	( <u>PVC</u> )SS/Teflon)
Inside Diameter, in.	( <u>1.24</u> 6)
Stick up or stick down height	ft
Total depth of well (TD)	<u>18.6</u> ft
Depth to product	ft
Depth to water (DTW)	<u>11.6</u> ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
<input type="checkbox"/> MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method	
(B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	<u>15.6</u> ft
Bubbles purged from flow cell?	<u>Y</u> /N
Is drawdown > 0.3 feet	<u>Y</u> /N
Was passive sampling used?	Y/ <u>N</u>
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
<b>Performed</b>								
Temperature (°C)	+/- 3%	<u>13.77</u>	<u>13.62</u>	<u>13.66</u>				
Spec. Cond (µmhos)	+/- 3%	<u>1809</u>	<u>1807</u>	<u>1801</u>				
D.O. (mg/L)	+/- 10%**	<u>.91</u>	<u>.92</u>	<u>.90</u>				
pH	+/- 0.1	<u>6.99</u>	<u>6.90</u>	<u>6.98</u>				
ORP (mV)	+/- 10 mV**	<u>217</u>	<u>218</u>	<u>218</u>				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/30/08 Sample Time: 10:20 (military time)

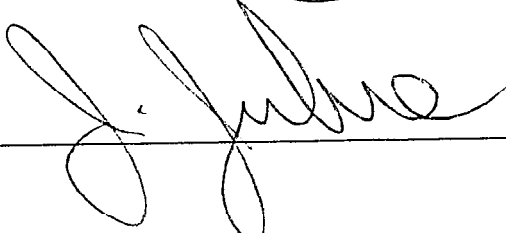
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature: 

Date: 5/30/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>10-18</u>	Well Location:

Monitoring Well Data	
Well Material	(PVC/SS/Teflon)
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	18.6 ft
Depth to product	ft
Depth to water (DTW)	14.15 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input checked="" type="checkbox"/> Split Sample	
<input checked="" type="checkbox"/> Duplicate (Duplicate ID: <u>10-18 (D.P.)</u> )	
<input checked="" type="checkbox"/> MS/MSD	
<input type="checkbox"/> Other	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	15.6 ft
Bubbles purged from flow cell?	Y/N
Is drawdown > 0.3 feet	Y/N
Was passive sampling used?	Y <input checked="" type="checkbox"/>
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Formed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	11.82	11.83	11.82				
Spec. Cond (µmhos)	+/- 3%	1648	1649	1649				
D.O. (mg/L)	+/- 10%**	5.47	5.36	5.25				
pH	+/- 0.1	7.06	7.06	7.06				
ORP (mV)	+/- 10 mV**	245	245	245				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/30/08 Sample Time: 10:40 (military time)

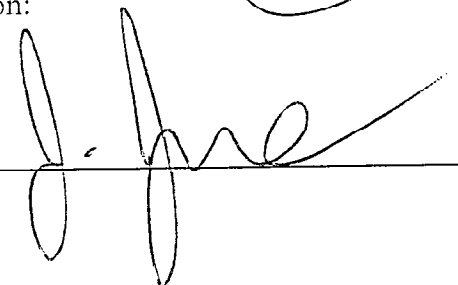
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/30/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>157</u>	Well Location:

Monitoring Well Data	
Well Material	( <u>PVC</u> )SS/Teflon)
Inside Diameter, in.	( <u>1.24</u> ) 6)
Stick up or stick down height	ft
Total depth of well (TD)	<u>18</u> ft
Depth to product	ft
Depth to water (DTW)	<u>11.34</u> ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Grab/Composite <input type="checkbox"/> Split Sample Duplicate (Duplicate ID: _____) MS/MSD Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method	B / P
(B = bailer, P = pump)	

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	<u>15</u> ft
Bubbles purged from flow cell?	<u>X</u> /N
Is drawdown > 0.3 feet	<u>X</u> /N
Was passive sampling used?	Y/ <u>X</u>
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
<b>Performed</b>								
Temperature (°C)	+/- 3%	<u>14.99</u>	<u>14.3</u>	<u>13.99</u>	<u>13.89</u>			
Spec. Cond (µmhos)	+/- 3%	<u>1736</u>	<u>1738</u>	<u>1742</u>	<u>1743</u>			
D.O. (mg/L)	+/- 10%**	<u>7.06</u>	<u>5.23</u>	<u>5.15</u>	<u>5.20</u>			
pH	+/- 0.1	<u>7.02</u>	<u>6.99</u>	<u>6.98</u>	<u>6.99</u>			
ORP (mV)	+/- 10 mV**	<u>211</u>	<u>210</u>	<u>210</u>	<u>209</u>			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/30/08 Sample Time: 11:30 (military time)

Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature: \_\_\_\_\_

Date: 5/30/08



**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>168</u>	Well Location:

Monitoring Well Data	
Well Material	<u>(PVC)</u> SS/Teflon
Inside Diameter, in.	<u>(1.246)</u>
Stick up or stick down height	ft
Total depth of well (TD)	<u>25</u> ft
Depth to product	ft
Depth to water (DTW)	<u>18.15</u> ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	<u>x</u>
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method	
(B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	<u>22</u> ft
Bubbles purged from flow cell?	<u>Y</u> / N
Is drawdown > 0.3 feet	<u>Y</u> / N
Was passive sampling used?	Y / <u>N</u>
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
<u>Formed</u>	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	<u>14.80</u>	<u>14.66</u>	<u>14.65</u>	<u>14.50</u>			
Spec. Cond (µmhos)	+/- 3%	<u>1932</u>	<u>1929</u>	<u>1930</u>	<u>1925</u>			
D.O. (mg/L)	+/- 10%**	<u>3.53</u>	<u>3.13</u>	<u>3.19</u>	<u>3.21</u>			
pH	+/- 0.1	<u>6.97</u>	<u>6.95</u>	<u>6.95</u>	<u>6.94</u>			
ORP (mV)	+/- 10 mV**	<u>259</u>	<u>260</u>	<u>260</u>	<u>261</u>			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/30/08 Sample Time: 12:00 (military time)

Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature: [Signature]

Date: 5/30/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 157	Well Location:

**Monitoring Well Data**

Well Material	(PVC/SS/Teflon)
Inside Diameter, in.	(1.25) 6
Stick up or stick down height	ft
Total depth of well (TD)	18.7 ft
Depth to product	ft
Depth to water (DTW)	13.66 ft

**Sample Types (circle all applicable)**

<input checked="" type="checkbox"/> Monitoring Well
<input checked="" type="checkbox"/> Grab/Composite
<input type="checkbox"/> Split Sample
Duplicate (Duplicate ID: _____)
MS/MSD
Other _____

**Conventional sampling**

Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

**Micropurge sampling**

Depth of pump placement (place mid-screen)	15.7 ft
Bubbles purged from flow cell?	Y/N
Is drawdown > 0.3 feet	Y/N
Was passive sampling used?	Y (X)
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
<b>Performed</b>	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	14.11	14.19	13.59				
Spec. Cond (µmhos)	+/- 3%	1609	1600	1609				
D.O. (mg/L)	+/- 10%**	8.46	8.24	8.19				
pH	+/- 0.1	7.07	7.06	7.05				
ORP (mV)	+/- 10 mV**	298	298	299				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

**Observations:**

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/30/08 Sample Time: 13:20 (military time)

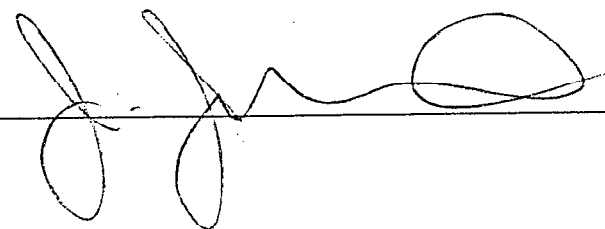
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/30/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: <u>16D</u>	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.246)
Stick up or stick down height	ft
Total depth of well (TD)	11.6 ft
Depth to product	ft
Depth to water (DTW)	2.65 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	8.6 ft
Bubbles purged from flow cell?	Y/N
Is drawdown > 0.3 feet	Y/N
Was passive sampling used?	Y/N
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result (3 min)	Result (6 min)	Result (9 min)	Result (12 min)	Result (15 min)	Result (18 min)	Result (21 min)
<b>formed</b>	Range							
Temperature (°C)	+/- 3%	18.62	19.65	20.52				
Spec. Cond (µmhos)	+/- 3%	1.251	1.243	1.239				
D.O. (mg/L)	+/- 10%**	1.49	1.31	1.30				
pH	+/- 0.1	6.94	6.93	6.93				
ORP (mV)	+/- 10 mV**	94	94	95				
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/30/08 Sample Time: 13:40 (military time)

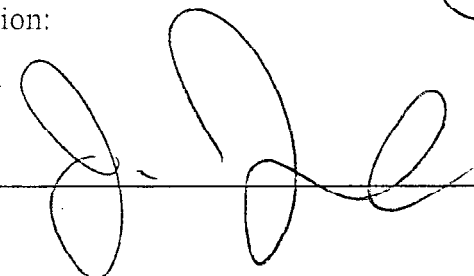
Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid) Turbid

Well condition: \_\_\_\_\_

Signature:  Date: 5/30/08

**KERAMIDA ENVIRONMENTAL, INC.**  
**GROUNDWATER SAMPLE INFORMATION SHEET**

Facility Name: GP-Former Allison Plant 10	KEI Project #: 2829e-001/003
Sample I.D.: 161	Well Location:

Monitoring Well Data	
Well Material	(PVC)SS/Teflon
Inside Diameter, in.	(1.25) 6
Stick up or stick down height	ft
Total depth of well (TD)	13 ft
Depth to product	ft
Depth to water (DTW)	4.15 ft

Sample Types (circle all applicable)	
<input checked="" type="checkbox"/> Monitoring Well	
<input checked="" type="checkbox"/> Grab/Composite	
<input type="checkbox"/> Split Sample	
Duplicate (Duplicate ID: _____)	
MS/MSD	
Other _____	

Conventional sampling	
Height of water column (H = TD - DTW)	ft
Conversion value (CV)*	x
1 Well volume = H x CV	= gal
3 Well volumes =	= gal
Purge method (B = bailer, P = pump)	B / P

⇐OR⇒

Micropurge sampling	
Depth of pump placement (place mid-screen)	10 ft
Bubbles purged from flow cell?	(Y) N
Is drawdown > 0.3 feet	(Y) N
Was passive sampling used?	Y / (N)
Flowrate =	mL/min
ID number from controller console	#

\*Conversion values (gal/ft): 1" dia = 0.04, 2" dia = 0.16, 4" dia = 0.65, 6" dia = 1.47

Field Test(s)	Stability	Result	Result	Result	Result	Result	Result	Result
Performed	Range	(3 min)	(6 min)	(9 min)	(12 min)	(15 min)	(18 min)	(21 min)
Temperature (°C)	+/- 3%	16.8	16.60	16.58	16.70			
Spec. Cond (µmhos)	+/- 3%	1,220	1,206	1,208	1,198			
D.O. (mg/L)	+/- 10%**	2.77	1.83	1.84	1.81			
pH	+/- 0.1	6.77	6.73	6.73	6.74			
ORP (mV)	+/- 10 mV**	180	181	181	182			
Turbidity (NTU)	+/- 10%**							
H <sub>2</sub> S (mg/L)								
Fe <sup>2+</sup> (mg/L)								

Check stability after three readings and every reading thereafter until achieved.

\*\*Only one of these parameters must reach stability.

Observations:

Volume of water purged from well: \_\_\_\_\_ gallons

Sample Date: 5/30/08 Sample Time: 14:00 (military time)


Was metals sample filtered prior to preservation? YES NO method: 0.45 µm cartridge / other: \_\_\_\_\_

Color of water before filtration: \_\_\_\_\_ After filtration: \_\_\_\_\_

Reaction upon addition of preservatives? YES NO explain: \_\_\_\_\_

Appearance of Water: (Clear/Slightly Turbid/Turbid/Very Turbid)

Well condition:

Signature:  Date: 5/30/08